

	Date	Class Focus	Assignments
Class 1 9:00-12:00	1/18/17	Icebreakers - Carbon Copy Creations & Assembly Line Intro NSTA Learning Center - Locate 3 articles Interactive Notebooks/Journals Mindset - Growth (Grit) & Fixed Intro State Science Standards Treasure Hunt + K-12 Framework for Science Education Interactive Notebooks	
Class 2 9:00-12:00	1/25/17	Science Practices - What is the Nature of Science? Core Sampling Reading in Science - Informational Texts and Text Complexity Picture Perfect - Introduce Assignment (In-Class Planning); Integrating Children's Books Academic Vocabulary - Game Demonstration	❖ Science Practices Reading - "Write About" Graphic Organizer • Interactive Notebook - Learning Center Discussion
Class 3 9:00-12:00	2/1/17	Planning a 5E Inquiry-Based Lesson - 5E with Toys Picture Perfect - Presentations NSTA Learning Center SciPack - Begin	• Picture Perfect Assignment Due ❖ 5E Reading - "Picture Notemaking" Graphic Organizer
Class 4 9:00-12:00	2/8/17	Assessment - Card Sort & Formative Assessment Probes Science Box - Introduction (In-Class Planning) Mini Inquiry - Mealworms	❖ Assessment Reading - Response Sheet • Vocabulary Game #1 & 2
Class 5 9:00-12:00	2/15/17	Science Box (In-Class Planning as needed) Begin Group Inquiry Scientific Explanations/Argumentation	❖ Scientific Argumentation Reading - Response Sheet • Vocabulary Game #3 & 4
Class 6 9:00-12:00	2/22/17	Science Boxes - Stations Group Inquiry Continued Scientific Writing & Reading Strategies	• Science Boxes Due
Class 7 9:00-12:00	3/1/17	Group Inquiry - Finalize Scientific Writing & Reading Strategies	• NSTA Learning Center SciPack Due • Vocabulary Game #5&6
March 6-10 TTU Spring Break			
Class 9 9:00-12:00	3/15/17	Engineering Design Cycle - Construct Bottle Rocket Launchers Assign Water Bottle Rocket Research - Imagine, Plan, and Create	• Engineering Design Reading - complete "I Can Read Informational Texts" Graphic Organizer • Vocabulary Game #7&8
Class 10 9:00-12:00	3/22/17	Launch Bottle Rockets & complete EDP Packet. Analyze results, plan Improvements & Concluding Writing Activity Project Learning Tree - Introduction	• Bring Bottle Rockets - complete side one of EDP Packet + sketch
Class 8 9:00-3:00	3/29/17	Project Learning Tree & WILD (Place - TBA)	❖ PLT or WILD Activity ❖ Science & Nature Reading - Response Sheet
Class 11 9:00-12:00	4/5/17	Bottle Rockets - Revised & New Launches 5E Model Presentation - Electrical Circuits 5E Formal Lesson Plan - begin writing	• Maker Movement Reading - Response Sheet
Class 12 9:00-12:00	4/12/17	5E Formal Lesson Plan - continued writing	❖ Integrating Technology Reading- Response Sheet
Class 13 9:00-12:00	4/19/17	5E Formal Lesson Plans - present #1-4	• Differentiation Reading - Response Sheet • Interactive Notebooks Due
Class 14 9:00-12:00	4/26/17	5E Formal Lesson Plan - present #5-8	
Class 15		3 hours for PLT/WILD workshop	